


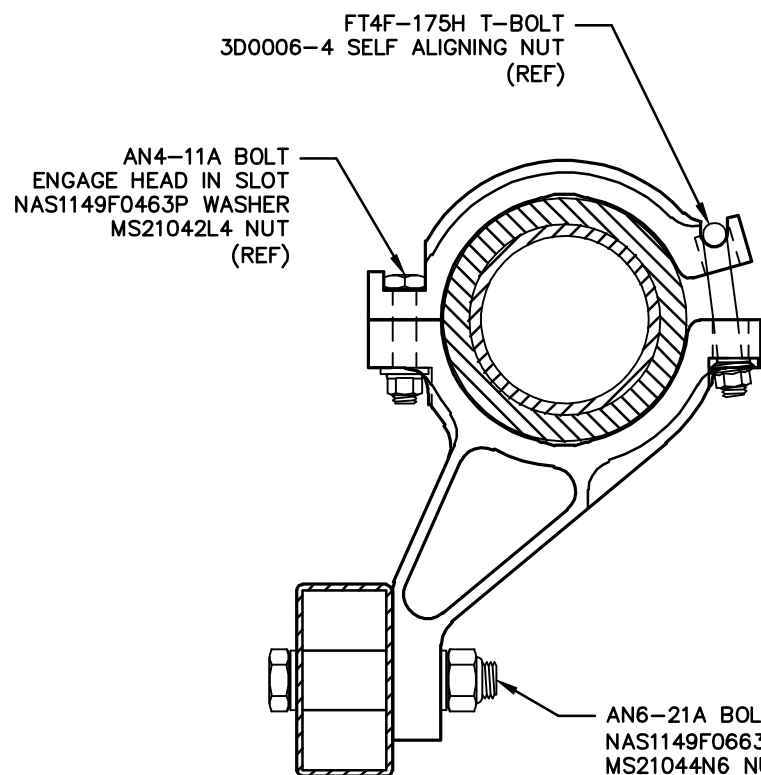
DETAIL A

RIGHT SIDE INSTALLATION SHOWN,
LEFT SIDE OPPOSITE

01 PROVISIONS INSTALLATION

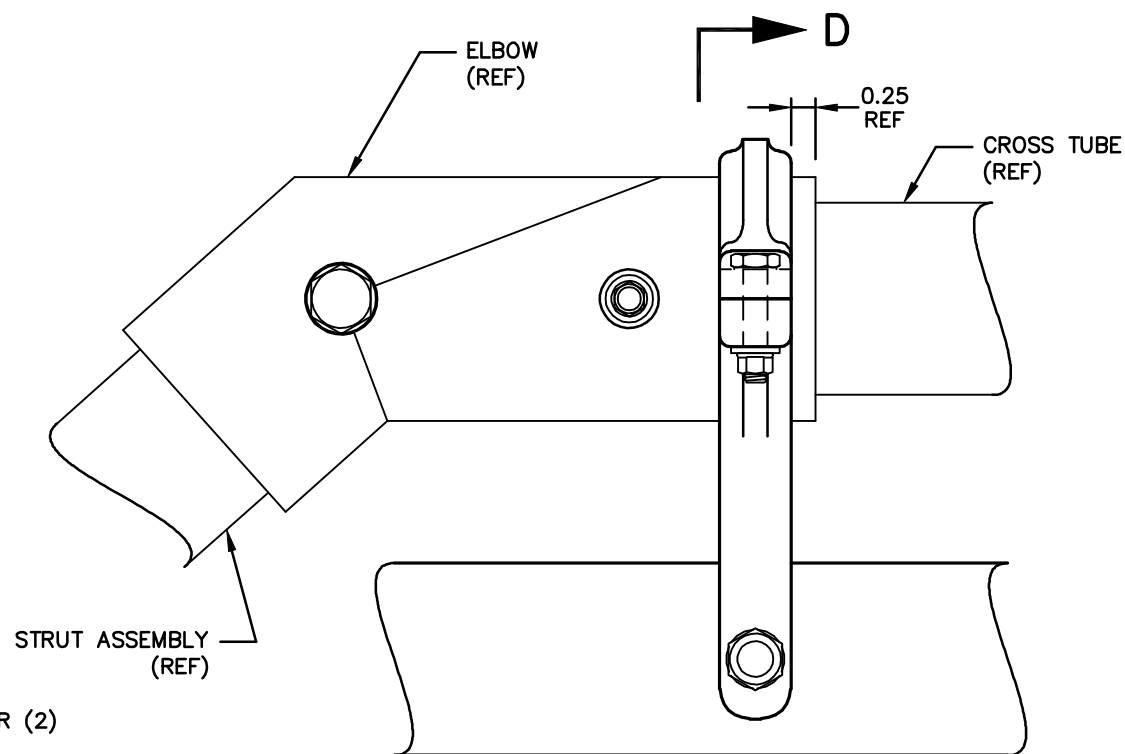
RIGHT SIDE INSTALLATION SHOWN, LEFT SIDE OPPOSITE

APPROVALS		DATE			<div>AERO DESIGN LTD.</div> <div>9888A MALASPINA ROAD</div> <div>POWELL RIVER, BC, CANADA, V8A 0G3</div> <div>TEL: 604.483.2376 www.aerodesign.ca</div>		
DRAWN: JEFF CLARKE		20 SEPT 2010					
CHECKED: E. BURGOIN		23 SEPT 2010					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.03 X.X ±0.1				ROBINSON R44, R44 II QUICK RELEASE CARGO BASKET ATTACHMENT PROVISIONS INSTALLATION			
				NOT TO SCALE		DWG. SIZE	DWG. NO.
SHEET 1 OF 4		A4	90602	2			




SECTION D-D

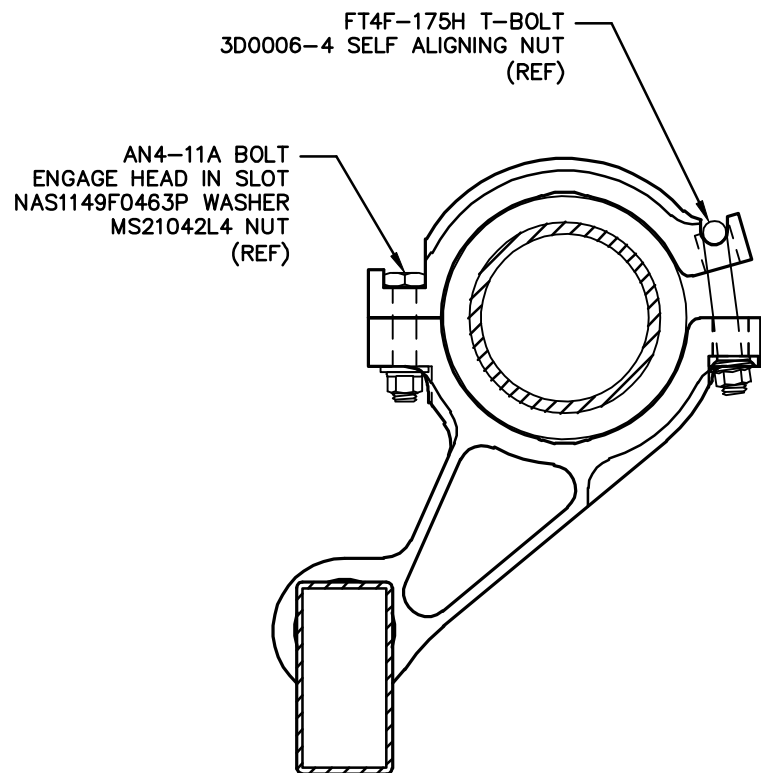
LOOKING INBOARD FROM RIGHT



DETAIL B

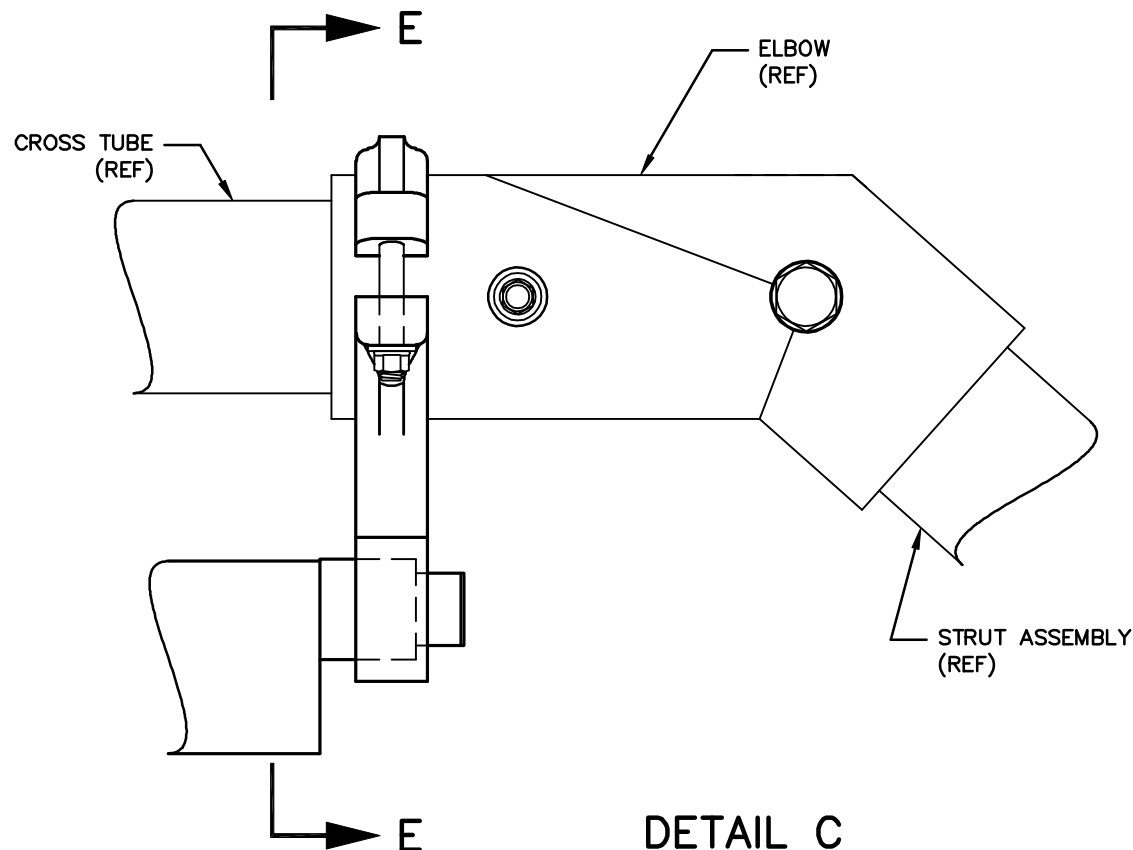
ATTACHMENT CLOSE TO BASKET, LOOKING AFT
RIGHT SIDE SHOWN, LEFT SIDE OPPOSITE
FORWARD AND AFT INSTALLATION SAME

APPROVALS		DATE			<div>AERO DESIGN LTD.</div> <div>9888A MALASPINA ROAD</div> <div>POWELL RIVER, BC, CANADA, V8A 0G3</div> <div>TEL: 604.483.2376 www.aerodesign.ca</div>											
DRAWN:	JEFF CLARKE	20 SEPT 2010														
CHECKED:	E. BURGOIN	23 SEPT 2010														
<div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.</div> <div>TOLERANCES ON:</div> <table><tr><td>DECIMALS</td><td>ANGLES</td></tr><tr><td>X.XXX ±0.010</td><td>±1/2°</td></tr><tr><td>X.XX ±0.03</td><td></td></tr><tr><td>X.X ±0.1</td><td></td></tr></table>				DECIMALS	ANGLES	X.XXX ±0.010	±1/2°	X.XX ±0.03		X.X ±0.1		<div>ROBINSON R44, R44 II</div> <div>QUICK RELEASE CARGO BASKET</div> <div>ATTACHMENT PROVISIONS INSTALLATION</div>				
				DECIMALS	ANGLES											
				X.XXX ±0.010	±1/2°											
X.XX ±0.03																
X.X ±0.1																
NOT TO SCALE		DWG. SIZE	DWG. NO.	REV.												
SHEET 2 OF 4		A4	90602	2												




SECTION E-E

LOOKING OUTBOARD FROM RIGHT



DETAIL C

ATTACHMENT FAR FROM BASKET, LOOKING AFT
RIGHT SIDE SHOWN, LEFT SIDE OPPOSITE
FORWARD AND AFT INSTALLATION SAME

APPROVALS		DATE			<div>AERO DESIGN LTD.</div> <div>9888A MALASPINA ROAD</div> <div>POWELL RIVER, BC, CANADA, V8A 0G3</div> <div>TEL: 604.483.2376 www.aerodesign.ca</div>		
DRAWN:	JEFF CLARKE	20 SEPT 2010					
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.03 X.X ±0.1				ROBINSON R44, R44 II QUICK RELEASE CARGO BASKET ATTACHMENT PROVISIONS INSTALLATION			
NOT TO SCALE		DWG. SIZE		DWG. NO.		REV.	
SHEET 3 OF 4		A4		90602		2	

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	ORIGINAL ISSUE		
1	TITLE BLOCK UPDATED; HARDWARE PART NUMBERS UPDATED	BJC	22/05/2014
2	LANDING GEAR P/N'S INSERTED IN NOTE 1; CLAMP HARDWARE UPDATED	BJC	16/01/2017

NOTES:

1. THIS INSTALLATION APPLIES TO HELICOPTERS FITTED WITH LANDING GEAR ASSEMBLY – STANDARD (C014–8) OR LANDING GEAR ASSEMBLY – EXTENDED (C014–22). FOR LATER MODEL LANDING GEAR, REFER TO DRAWING 90603. THIS INSTALLATION IS NOT COMPATIBLE WITH FIXED OR POP–OUT FLOATS.
2. STRUT FAIRINGS (C082–XX) MUST BE REMOVED IF INSTALLED. REFER TO R44 MAINTENANCE MANUAL, SECTION 5.410. FORWARD CROSS TUBE COVER (C475–5) MUST BE REMOVED. LEAVE CHANNELS (C388–3) IN PLACE.
3. REMOVAL OF BEAMS LEAVING CLAMPS IN PLACE IS AN APPROVED CONFIGURATION FOR FLIGHT.
4. SEE FLIGHT MANUAL SUPPLEMENT, FMS906.90, FOR LIMITATIONS ON HELICOPTER OPERATIONS WITH CARGO BASKET INSTALLED.
5. SEE INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, ICA906.91, FOR MAINTENANCE INFORMATION.

WEIGHT AND BALANCE

ITEM	DESCRIPTION	WEIGHT (LB)	LONGITUDINAL ARM (IN)	MOMENT (LB–IN)	LATERAL ARM (IN)	MOMENT (LB–IN)
02/03	CLAMPS (4)	1.6	99.7	159.5	–0.7	–1.0
04/05	BEAMS (FORWARD AND AFT)	10.0	101.5	1015.0	8.5	85.0
01	PROVISIONS INSTALLATION (TOTAL)	11.6	101.3	1174.5	7.2	84.0

2	2	MS21044N6		NUT
4	4	NAS1149F0663P		WASHER
2	2	AN6–21A		BOLT
1	1	90631–01–00	05	AFT BEAM
1		90630–01–02	04	FORWARD BEAM (LH)
	1	90630–01–01	04	FORWARD BEAM (RH)
2		90620–02–02	03	CLAMP ASSEMBLY (FAR, LH)
	2	90620–02–01	03	CLAMP ASSEMBLY (FAR, RH)
2	2	90620–01–00	02	CLAMP ASSEMBLY (CLOSE)
		90602–01–02	01	PROVISIONS INST'N (LH)
		90602–01–01	01	PROVISIONS INST'N (RH)
–02	–01	PART NO.	ITEM	DESCRIPTION
QTY.	LIST OF MATERIALS			

APPROVALS	DATE
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DECIMALS	ANGLES
X.XXX ±0.010	±1/2°
X.XX ±0.03	
X.X ±0.1	



AERO DESIGN LTD.

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ROBINSON R44, R44 II
QUICK RELEASE CARGO BASKET
ATTACHMENT PROVISIONS INSTALLATION

NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.	
SHEET 4 OF 4	A4	90602	2	